

POLYURATHANE - PU POWDERS

Product Description	<p>Polyurethane powder coatings are thermosetting powders based on durable polyester resins cross linked with IPDI hardner suited for applications where excellent flow is required and where UV & outdoor resistances are required.</p>
Product Range	<p>SMD Envirocoats PU powders are available in Glossy, Semi-Glossy, Matt, Dead Matt, and Textured Finish in a wide range of standard colors or can be customized according to the end user's requirements.</p>
Recommended Usage	<p>Polyurethane powders are recommended for both interior and exterior use. Washing machines, Dish Washers, Microwave Ovens, bathroom fittings, sanitary fittings, Kitchen Cabinets, air-conditioners, Window frames, furniture, lighting fixtures, furniture, Pool accessories, textile machinery, Fencing, Lawn Mowers, Auto components,</p>
Substrates & PT	<p>Aluminum & cold rolled cold Annealed (CRCA) Steel For Aluminum – Chromatisationg. For Steel – Iron Phosphate / Low wt. zinc phosphate</p>
Powder Characteristics	<ul style="list-style-type: none"> • Particle Size - Suitable for Electrostatic Spray • Specific Gravity - 1.4 – 1.8 (Depending on Colors) • Film Thickness - 50-70µ(Depending on Colors) • Theoretical Coverage - 100-120 Sq.Ft /Kg @50µ • Shelf Life - 6 months from the date of manufacturing
Application Conditions	<p>Application Method : Electrostatic Powder Spray 60 - 100 KV Curing Schedule: 200 deg for 10 to 15 minutes (Object Temp.)</p>
Performance Properties	<ul style="list-style-type: none"> • Type - Polyurethane • Colour - In desired Shade • Flexibility - Passes 6.25 mm • Impact (Direct / Reverse) - 60 – 120 kgcm • Hardness (Pencil) - H – 2H

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Accelerated Tests	<ul style="list-style-type: none"> • 5% Salt Spray - 1000 Hours No Face rust , 3mm creepage from scribe. • Humidity - 1000 Hours No blisters or Other failures
Storage	<ul style="list-style-type: none"> • Store in closed, cool room(30°C) in dry condition and in original packing • Exposure to direct sunlight, heat & high humidity should be avoided • The Stack height should not exceed three cartoons • Partly used bags must be tightly closed and stored carefully inside the cartoon in a cool dry storage room • For best performance, use within 6 months
Packaging	<ul style="list-style-type: none"> • Available in 10 & 20 Kg Pack Size